

REPLACEMENT SHEETS

Serial No. 10/027,015
Response to Notice of Non-Compliant
Amendment Dated October 28, 2005

PAGE 8/11 * RCVD AT 12/21/2005 3:01:57 PM [Eastern Standard Time] * SVR:USPTO-EFXXRF-6/36 * DNIS:2738300 * CSID: * DURATION (mm-ss):02-06

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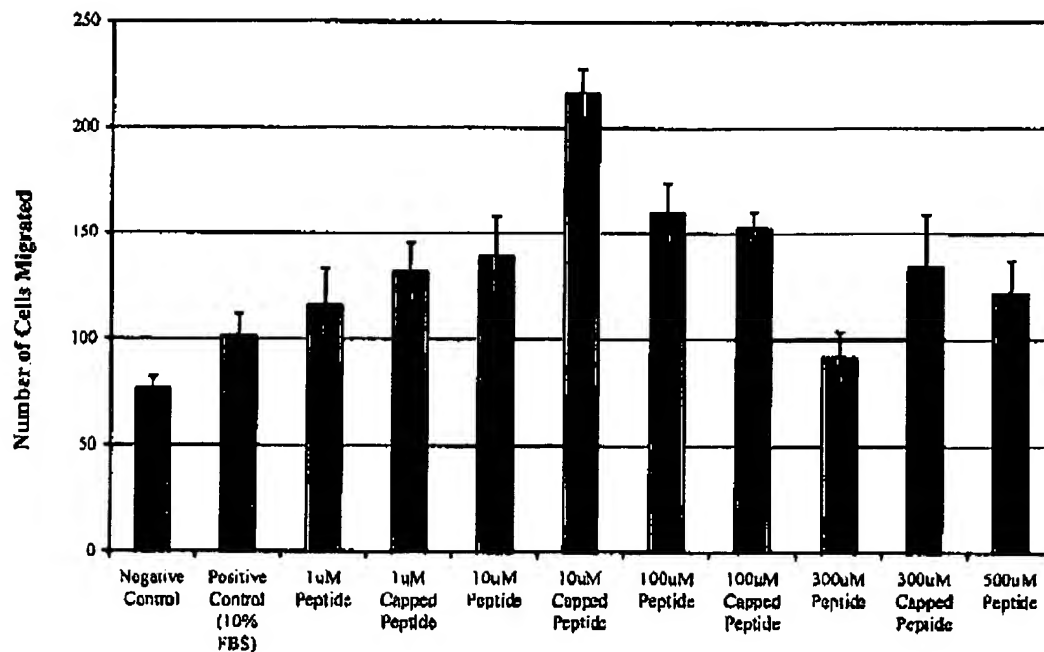
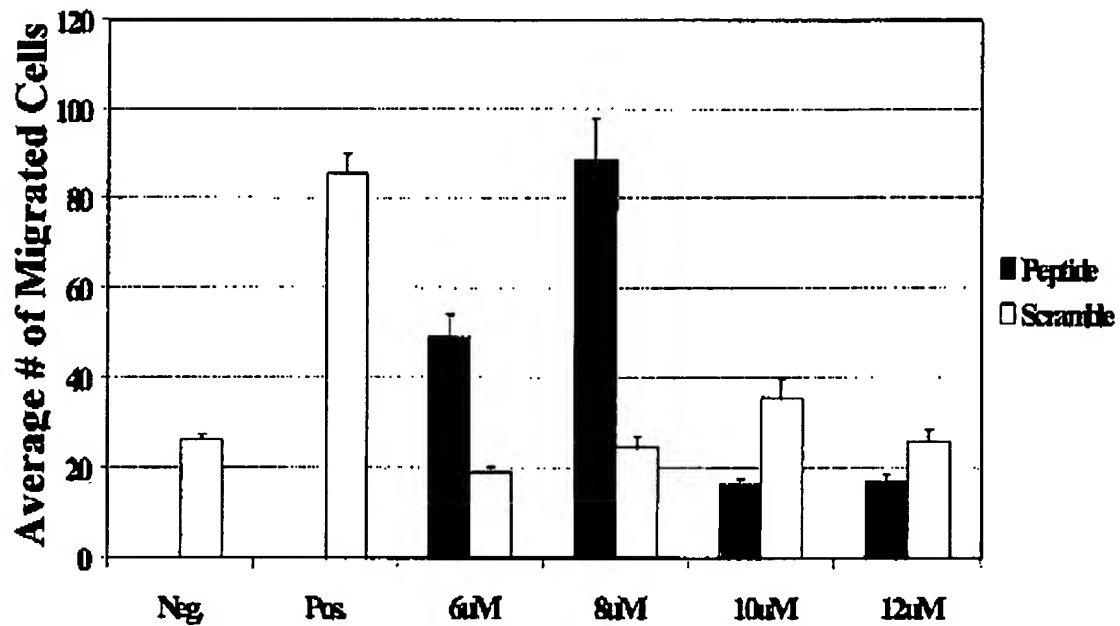


Figure 1A: Migration of Human aortic endothelial cells in response to IGD tripeptide, capped IGD tripeptide. A dose dependent effect was observed with the optimal concentration being 100 μ M for the uncapped peptide. However, with the capped peptide better migration compared to the uncapped peptide was observed at a 10-fold lower concentration. The respective scramble peptides showed fewer number of cells migrating (data not shown)

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Figure 1B: Migration of human aortic smooth muscle cells in response to the tripeptide



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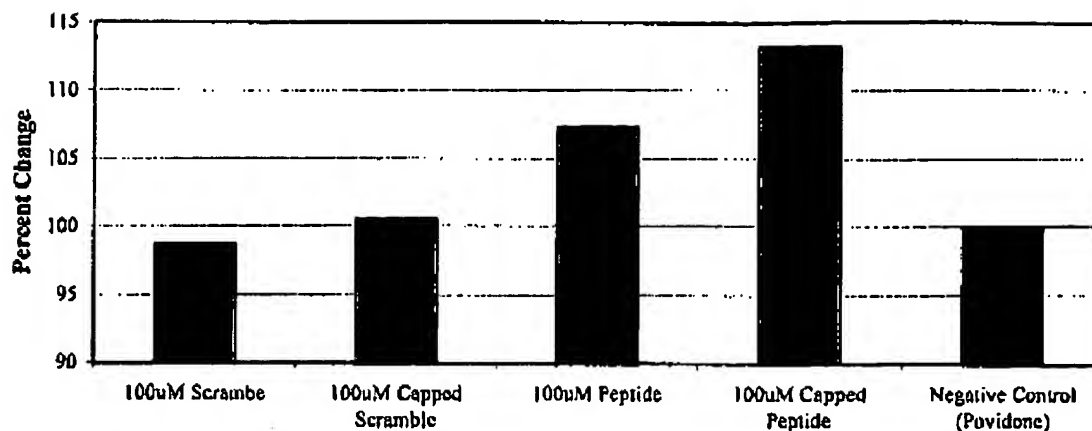


Figure 3A: Quail CAM assay showing increase in blood vessels in response to the peptide and the capped peptide compared to the respective scramble peptides. Data presented here is as a percent change over negative control, the negative being set at 100%. It can be seen that the capped peptide was better than the uncapped peptide at equivalent concentrations.

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